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JP63104912A ☐ 19880510 FullText

Title: (ENG) ALDOSE REDUCTASE INHIBITOR

Abstract: (ENG)

PURPOSE: To obtain an aldose reductase inhibitor useful for treating various complications of diabetes, such as cataract, retinopathy, neuropathy, nephropathy, etc., containing isoliquiritigenin, isoliquiritin or licuraside as an active ingredient.

CONSTITUTION: An aldose reductase inhibitor which contains a compound shown by the formula (R is H, glucose or aploglucose) as an active ingredient, inhibits activity of aldose reductase, reduces accumulation of sorbitol in erythrocyte, has preventing and treating effects on complication of diabetes, extremely low toxicity and high safety. The compound is obtained by extracting Glycyrrhiza uralensis Fisher with water and/or an alcohol and purifying by column chromatography using Sephadex, etc., as a carrier. The compound wherein R is H is also obtained by condensing resacetophene with p- hydroxybenzaldehyde.

Application Number: JP 24838986 A

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IPC (International Class): A61K03112; A61K03112; A61K03170; C12N00999; A61K03578; C07C04983; C07H015203

Other Abstracts for Family Members: DERABS C88-165722

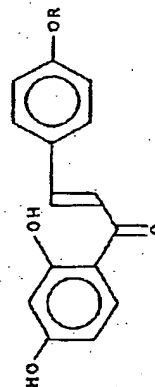
Other Abstracts for This Document: DERC88-165722

Patents Citing This One (2):

- WO2004031165A1 20040415 ENOKI TATSUJI JP; MURAKI NOBUKO JP; KATO IKUNOSHIN JP; ONOGI HIROMU JP; SAGAWA HIROAKI JP; TAKARA BIO INC JP; SUGIYAMA KATSUMI JP
- WO2003103648A1 20031218 INST OF MEDICINAL MOLECULAR DE JP; MUTO SUSUMU JP; ITAI AKIKO JP

THERAPEUTIC DRUG FOR DIABETES

Legal Status: There is no Legal Status information available for this patent



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